

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	Czechoslovakia	REPORT	
SUBJECT	Welding Machine Produced at the Chotebor Metal Works, Chotebor	DATE DISTR.	5 October 1954
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		REFERENCES	

This is UNEVALUATED

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. A new welding machine, made at the Chotebor Works¹, was used for the first time in July 1953 at the Kralovo Pole Plant of the Gottwald Works² in Brno-Kralovo Pole to replace hand-operated electric welding machines.
2. The mechanism with the motor is in an aluminum case, 300 x 150 x 600 mm. in size (see No. 1 on diagram). The power inlet is in the front of the case (No. 2). The case is on four wheels. On top of the case is a drum on which the welding wire (electrode) is wound (No. 3). A ribbed cooling apparatus to prevent overheating of the motor is on top of the case (No. 4). Behind it is the support to prevent sagging of the wire (No. 5). A regulator controlling the movements of the drum and of the cooling apparatus is on the edge, below the support (No. 6). The motor-speed-regulating button as well as the electric switch are on top (Nos. 7 and 8). The switch is connected with the welding apparatus, and when the motor is switched on, the welding machine is also put into operation. The electrode enters the actual welding holder attached to the front part (No. 9). This holder can be adjusted to required height and positions. It opens into a funnel into which the welding mixture is inserted.
3. This machine is based on the electric-arc-welding principle. It has a protecting device which prevents radiation and is therefore not as dangerous as the hand-operated welding machine.
4. It is suitable for welding steel sheets of major length and thicknesses of from 10 to 40 mm. The welded parts are smooth and further machining is necessary.

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(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)

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 Comments: .

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1. Probably identical with the plant listed in the Pardubice telephone directory 1951-52 as the Chotebor Metal Works (Choteborske kovodelne zavody), National Enterprise, in Chotebor.

2. Now known as the Brno-Kralovo Pole Plant of the First Brno and Kralovo Pole Machine Works, Gottwald Works (Prvni brnenska a kralovopolska strojirna, Gottwaldovy zavody, National Enterprise).

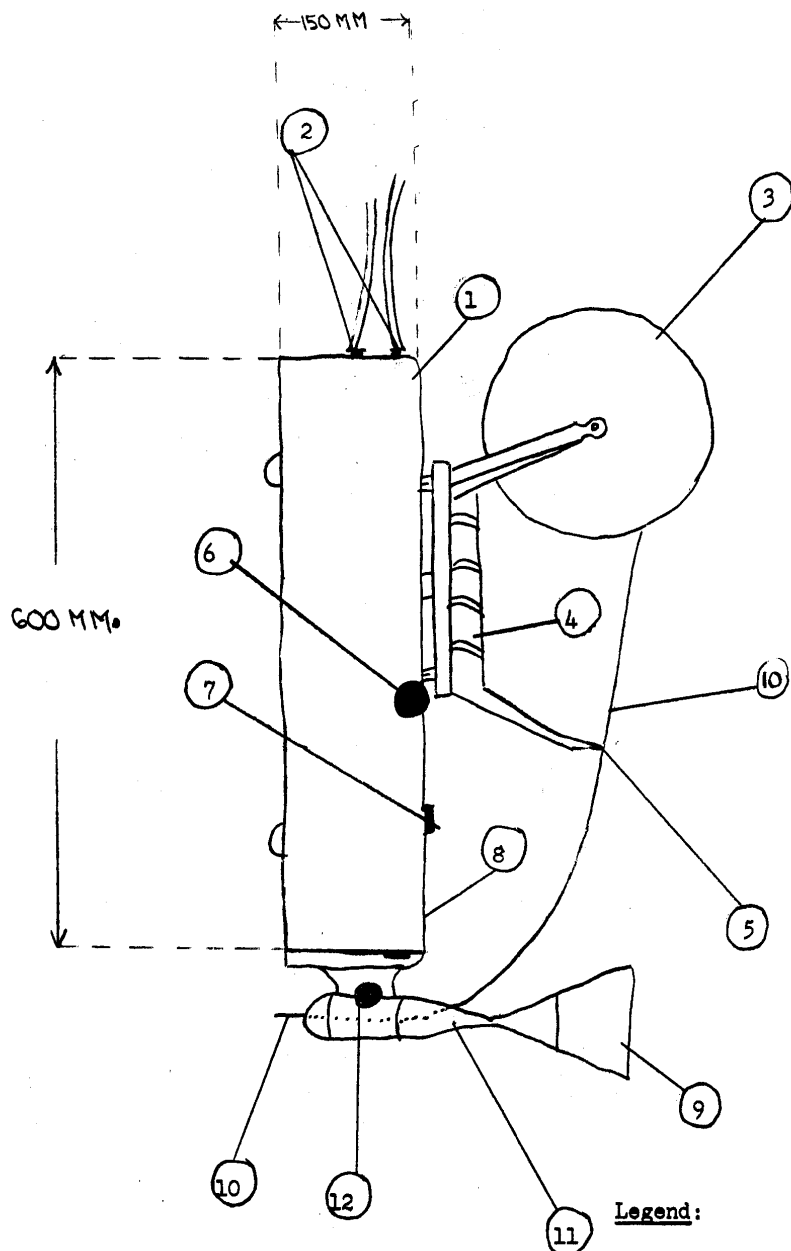
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Legend:

1. Mechanism inside the aluminum case.
2. Power inlet.
3. Drum of the welding wire.
4. Cooling apparatus.
5. Support of the welding wire.
6. Regulator for turning the drum and the cooling apparatus.
7. Speed-control button.
8. Electric switch.
9. Funnel for welding mixture.
10. Welding wire.
11. Welding holder.
12. Device for adjustment of height and position of the holder.

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